

LISTING OF CLAIMS

1. (Original) A coating agent for cellulose-bearing substrate surfaces comprising a liquid phase and binding agent, characterised in that the coating agent includes platelet-shaped pigments and a bonding agent, wherein the platelet-shaped pigments are corrosion-resistant and impermeable to UV light and wherein the bonding agent produces a bond between platelet-shaped pigments, binding agent and the cellulose-bearing substrate surface.

2. (Original) A coating agent as set forth in claim 1 characterised in that the platelet-shaped pigments are metal pigments with a corrosion-resistant coating.

3. (Previously presented) A coating agent as set forth in claim 2 characterised in that the corrosion-resistant coating is selected from the group consisting of an aluminum oxide layer, a silicate layer, a chromium oxide-bearing layer, an acrylate layer and two or more layers thereof arranged one above the other.

4. (Previously presented) A coating agent as set forth in claim 2 or claim 3 characterised in that the metal pigments are produced from metals and/or metal alloys which are selected from the group consisting of aluminum, zinc, tin, copper, iron, titanium, and alloys thereof steel alloys and gold-bronze alloys.

5. (Previously presented) A coating agent as set forth in claim 4 characterised in that the metal pigments are silicate-coated.

6. (Previously presented) A coating agent as set forth in claim 1 characterised in that a functionalised silane surface-modifying agents is applied to the corrosion resistant coating of the pigments.

7. (Previously presented) A coating agent as set forth in claim 3 characterised in that colour pigments are additionally incorporated into the corrosion resistant coating.

8. (Previously presented) A coating agent as set forth in claim 1 characterised in that the corrosion-resistant platelet-shaped pigments are substantially circular or oval and are of a maximum diameter of between 1 and 250 μm .

9. (Previously presented) A coating agent as set forth in claim 1 characterised in that the bonding agent is a metal complex with one or more organic ligands, wherein the metal complex

contains one or more metal cations which are selected from the group consisting of B, Al, Si, Ge, Sn, Pb, Ti, Zr, V, Cr, Mo, Mn, Fe, Zn and mixtures thereof and the metal complex has at least two functional groups or ligands which with hydroxyl groups form a complex or produce a covalent bond or are displaced out of the complex by hydroxyl groups with the formation of an oxygen-central cation bond.

10. (Original) A coating agent as set forth in claim 9 characterised in that at least two hydrolysable inorganic or organic ligands or two hydroxyl ions are co-ordinated on the one metal cation or the plurality of metal cations of the metal complex.

11. (Original) A coating agent as set forth in claim 9 or claim 10 characterised in that at least one organic ligand is co-ordinated on the one metal cation or the plurality of metal cations of the metal complex by way of a carboxyl group or a plurality of carboxyl groups.

12. (Previously presented) A coating agent as set forth in claim 9 characterised in that at least one organic ligand is hydrophobic.

13. (Previously presented) A coating agent as set forth in claim 9 characterised in that at least one organic ligand has at least one reactive functional group.

14. (Previously presented) A coating agent as set forth in claim 9 characterized in that the metal complex can be obtained by the following steps:

(a) neutralising a carboxylic acid which has between 3 and 30 carbon atoms, with a volatile basic nitrogen compound,

(b) adding at least one water-soluble salt of a metal which is selected from the group consisting of B, Al, Si, Ge, Sn, Pb, Ti, Zr, V, Cr, Mo, Mn, Fe, Zn and mixtures thereof, to the mixture from step (a), and

(c) optionally adding a volatile basic nitrogen compound, to the mixture from step (b).

15. (Previously presented) A coating agent as set forth in claim 1 characterized in that the bonding agent is a functionalized organosilane R_nSiX_{4-n} , wherein n = between 0 and 2 and R stands for a substituted or unsubstituted organic residue, and X stands for functional groups and/or for substituted or unsubstituted organic residues which form complexes with hydroxyl groups and/or react with hydroxyl groups forming a covalent bond and/or are

displaced out of the organosilane by hydroxyl groups with the formation of an oxygen-silicon bond.

16. (Previously presented) A coating agent as set forth in claim 15 characterized in that contained in the coating agent further comprises as a bonding agent a metal complex with one or more organic ligands, wherein the metal complex contains one or more metal cations which are selected from the group consisting of B, Al, Si, Ge, Sn, Pb, Ti, Zr, V, Cr, Mo, Mn, Fe, Zn and mixtures thereof and the metal complex has at least two functional groups or ligands which with hydroxyl groups form a complex or produce a covalent bond or are displaced out of the complex by hydroxyl groups with the formation of an oxygen-central cation bond.

17. (Previously presented) A coating agent as set forth in claim 1 characterized in that the liquid phase is selected from the group which consists of water, aqueous phase, organic solvent or mixtures thereof.

18. (Previously presented) A coating agent as set forth in claim 13 characterized in that the at least one ligand with the at least one reactive functional group is reacted with aminofunctional silicone oil, silicone resin or carboxyfunctional wax.

19. (Previously presented) A coating agent as set forth in claim 1 characterized in that the coating agent additionally contains a reactive binding agent with at least one free carboxyl group, hydroxyl group and/or amino group.

20. (Previously presented) A coating agent as set forth in claim 1 characterized in that contained in the coating agent are between about 2 and about 20% by weight of corrosion-resistant pigments, with respect to the total weight of the coating agent.

21. (Previously presented) A coating agent as set forth in claim 1 characterized in that contained in the coating agent is between about 10% by weight and 20% by weight of binding agent, with respect to the total weight of the coating agent.

22. (Previously presented) A coating agent as set forth in claim 1 characterized in that the total solid content in the coating agent is between about 10 and 35% by weight, with respect to the total weight of the coating agent.

23. (Previously presented) A coating agent as set forth in claim 1 characterized in that

the coating agent further contains one or more additives selected from the group consisting of fungicides, insecticides, algicides, thickening agents, anti-foam agents, anti-settlement agents, auxiliary binding agents and dissolution aids.

24. (Previously presented) A coating agent as set forth in claim 1 characterized in that the cellulose-bearing substrate surface contains wood, wood chip-bearing materials, paper and/or paper-bearing materials.

25. (Previously presented) A method for coating cellulose-bearing substrate surfaces, comprising applying to said surface a coating agent according to claim 1.

26. (Previously presented) The method of claim 25, wherein said method comprises priming cellulose-bearing substrate surfaces for the production of weathering-stable building elements and facade claddings.

27. (Previously presented) A cellulose-bearing substrate surface characterized in that the substrate surface is coated with a coating agent as set forth in claim 1.

28. (Original) A cellulose-bearing substrate surface as set forth in claim 27 characterized in that the substrate surface is the surface of wood material, wood-bearing material, paper, paper-bearing material or chemically and/or physically modified wood material.

29. (Previously presented) A coating agent as set forth in claim 4, characterized in that the metal pigments are produced from gold-bronze.

30. (Previously presented) A coating agent as set forth in claim 7, characterized in that the corrosion-resistant coating is a silicate layer.

31. (Previously presented) A coating agent as set forth in claim 8, characterized in the maximum diameter of the platelet-shaped pigments is between 5 μm and 70 μm .

32. (Previously presented) A coating agent as set forth in claim 14, characterized that the volatile basic nitrogen compound is ammonia or a volatile amine compound.

33. (Previously presented) A coating agent as set forth in claim 15, characterized in that R is alkyl, aryl, alkylaryl, or arylalkyl.

34. (Previously presented) A coating agent as set forth in claim 17, characterised in that the liquid phase is a mixture which substantially comprises water.

35. (Previously presented) A coating agent as set forth in claim 20, characterized by the coating agent comprising between about 4 and about 20% by weight of corrosion-resistant pigments with respect to the total weight of the coating agent.

36. (Previously presented) A coating agent as set forth in claim 22, characterized in that the total solid content of the coating agent is between about 15 and about 30% by weight with respect to the total weight of the coating agent.

37. (Previously presented) A method as set forth in claim 25, characterized in that the cellulose bearing substrate surface is selected from wood, wood-chip containing materials, paper, or paper-bearing materials.

38. (Previously presented) A method as set forth in claim 37, characterized in that the cellulose bearing substrate surface is a wood or wood-chip-containing building material.